

Figure 1

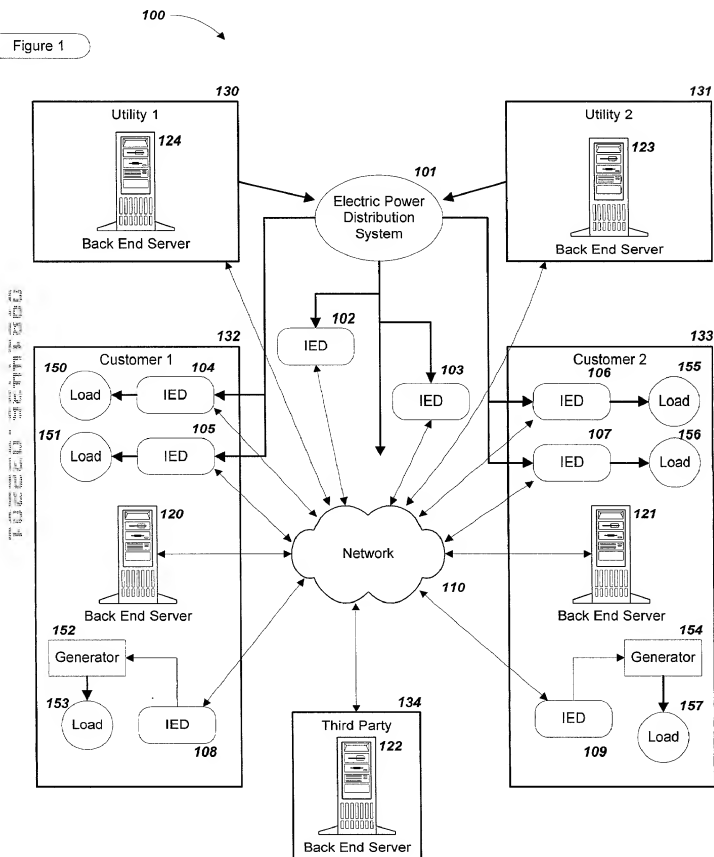


Figure 2a

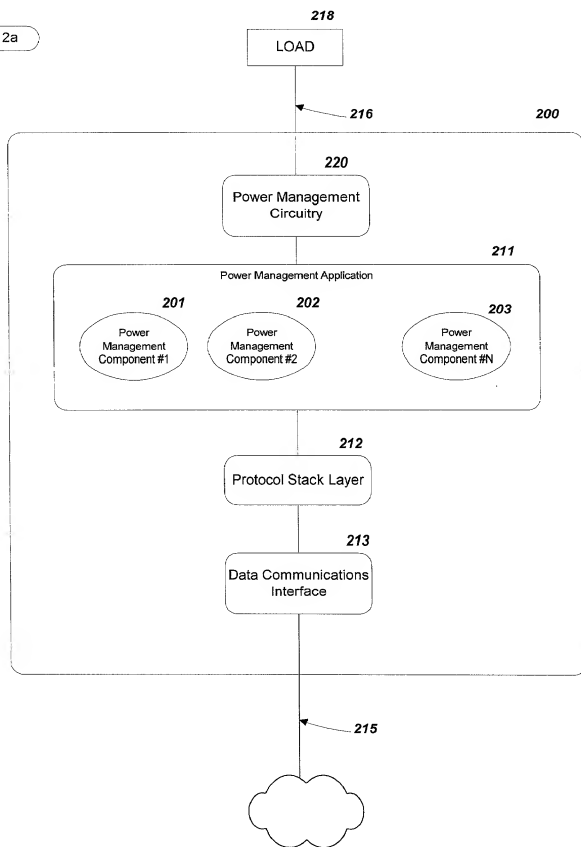


Figure 2b

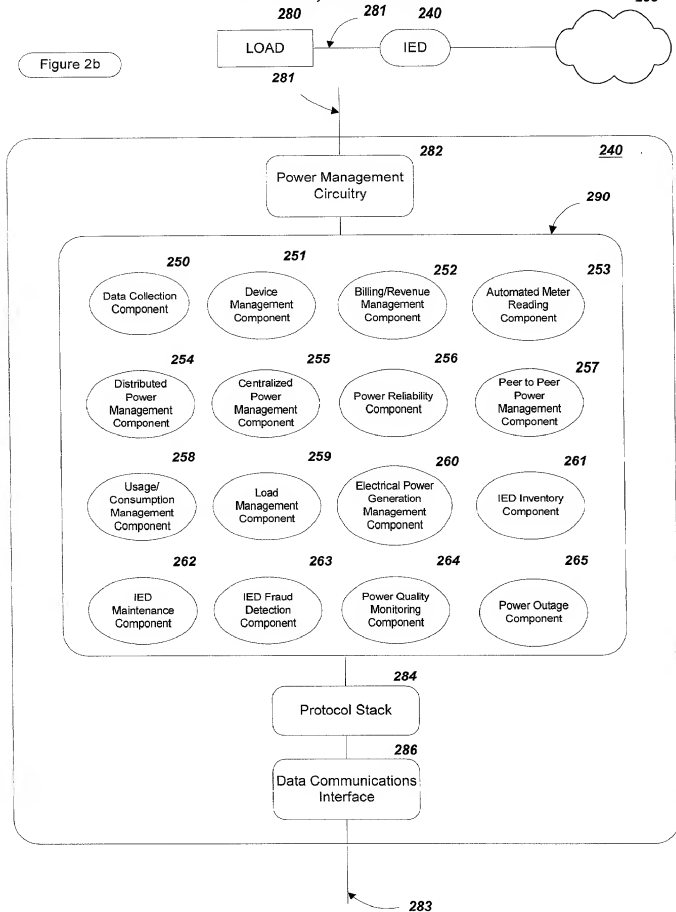
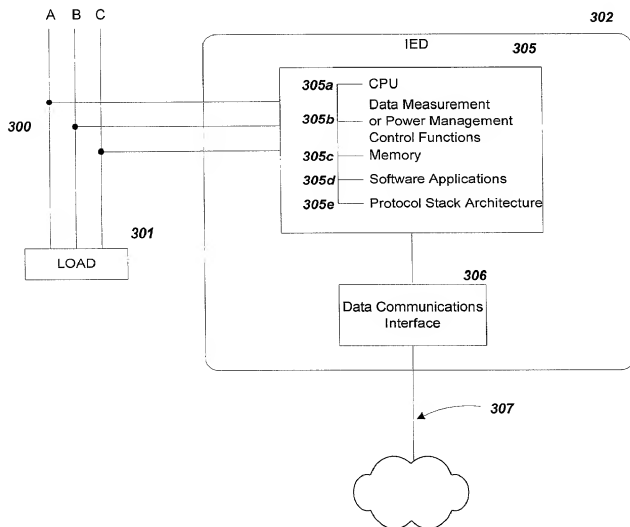


Figure 3a



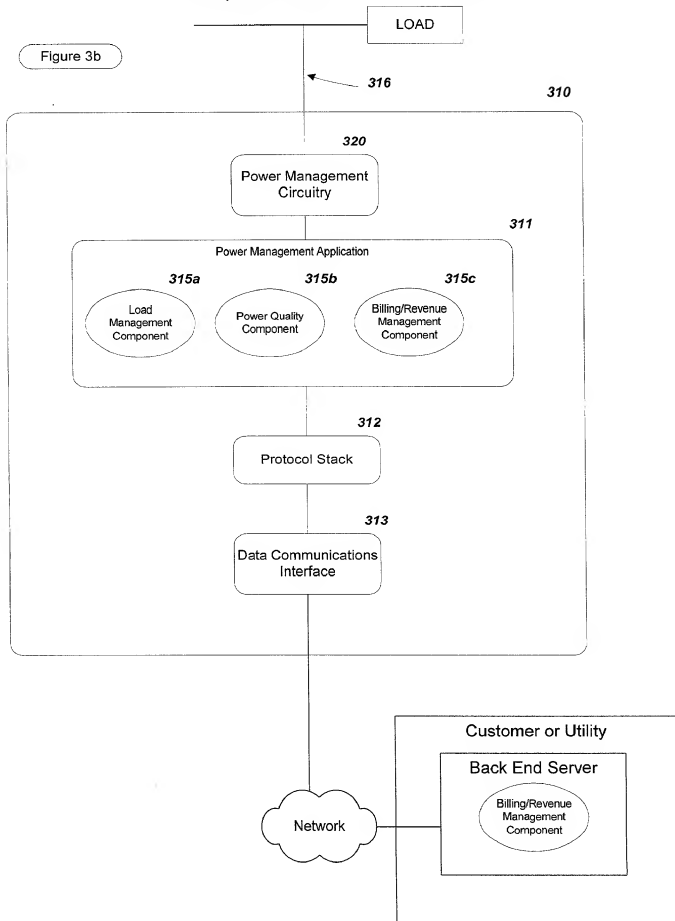


Figure 3c

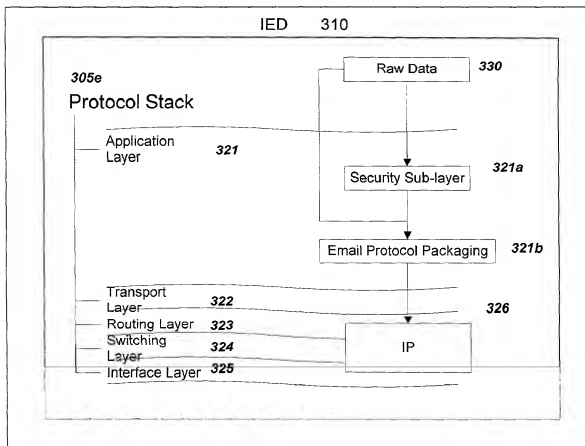


Figure 4a

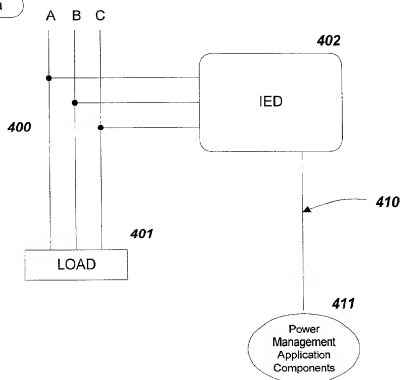
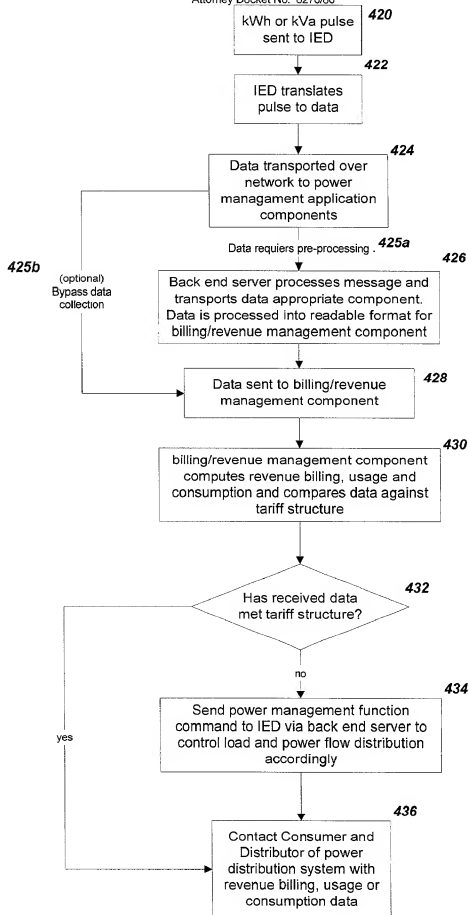


Figure 4b



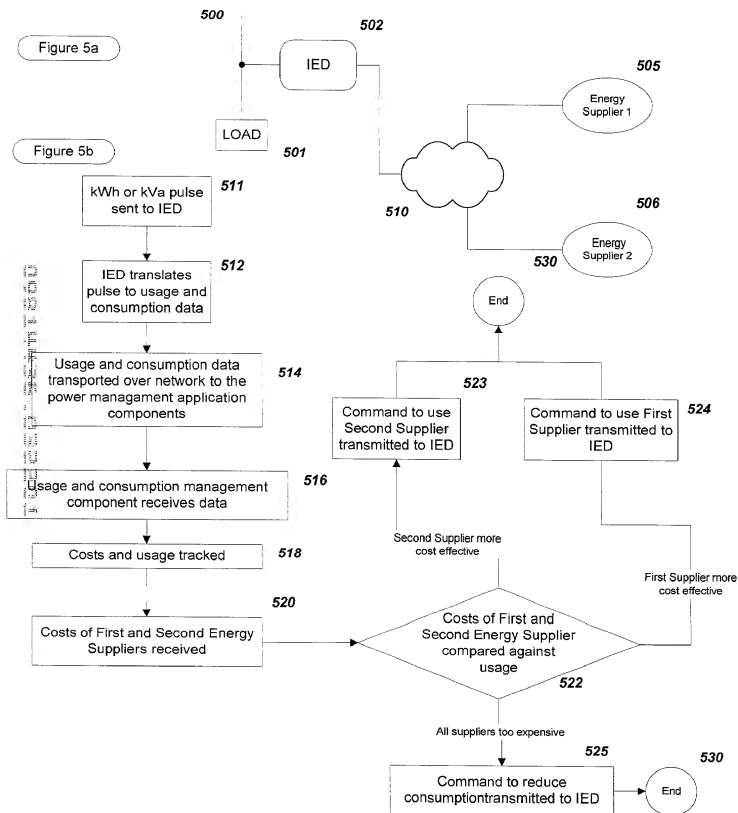


Figure 6

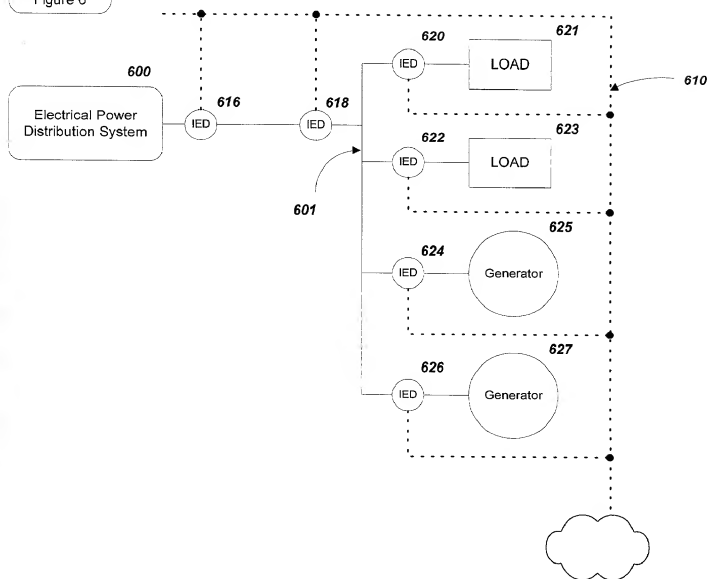


Figure 7

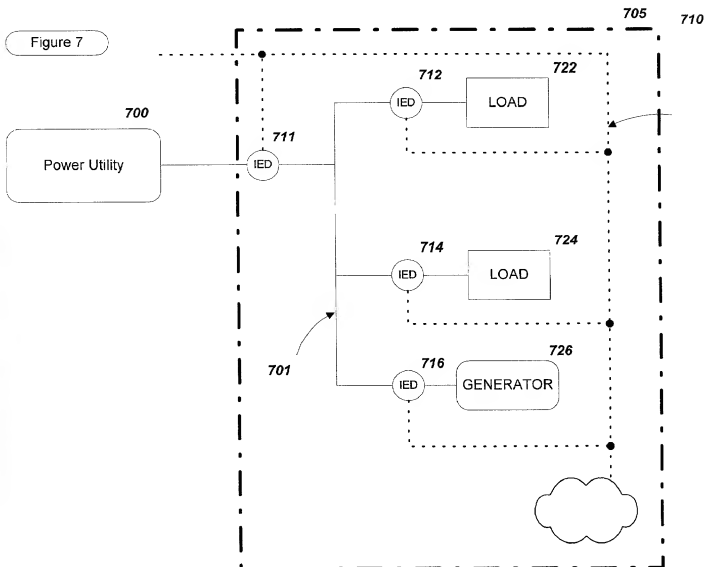


Figure 8

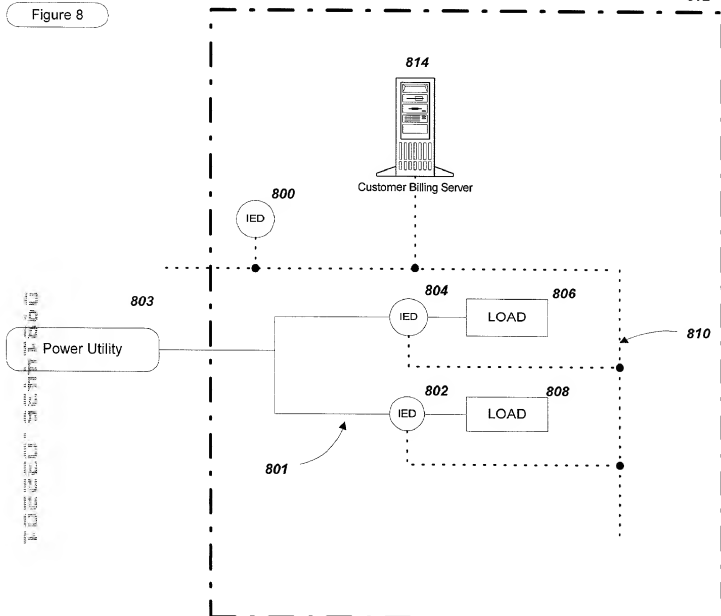


Figure 9

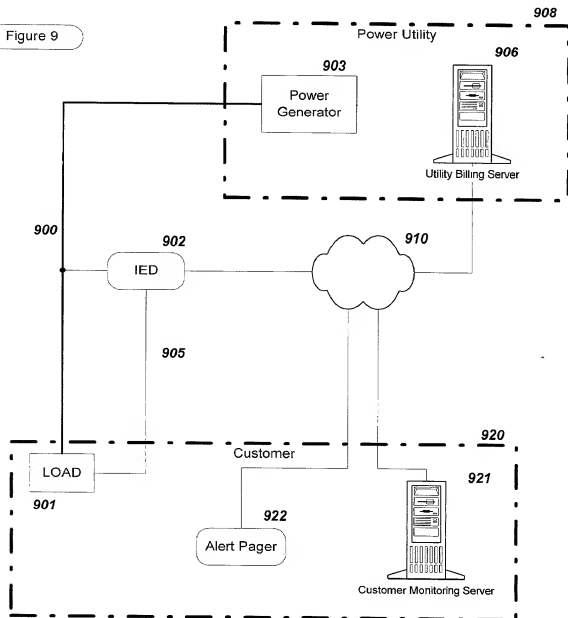


Figure 10

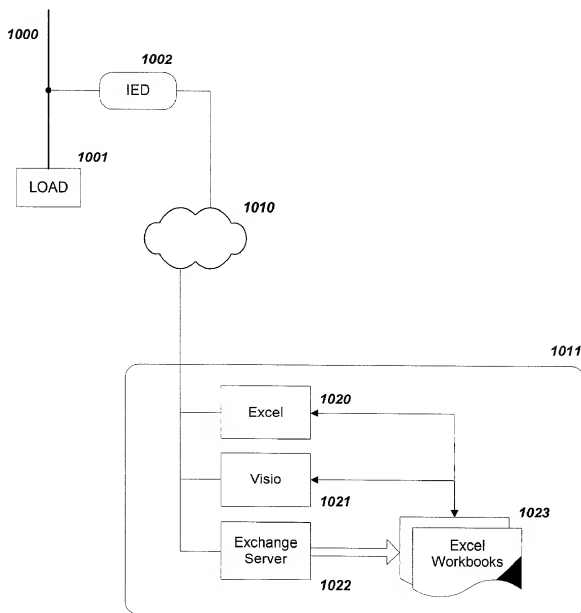


Figure 11

Site1.a8500

LABEL	VALUE
la	197.97
lb	207.52
lc	237.82
lin c	479.28
lin b	371.46
lin c2	580.46
lin ab	589.1
lin bc	586.28
lin avg	585.28
lin avg	357.23
lin avg	214.44
PF sign tot	-94
Freq	59
CL1 LocatTmo	08:32.9

Default Diagram

VALUE

197.97

207.52

237.82

479.28

371.46

580.46

589.1

586.28

585.28

357.23

214.44

-94

59

08:32.9

Change Update Rate

Type in the number of seconds you would like between page updates and hit <RETURN>

10

Some features to implement:

Auto-detection: Excel could automatically add a worksheet (a "tab" below) when it detects a new device on the network.

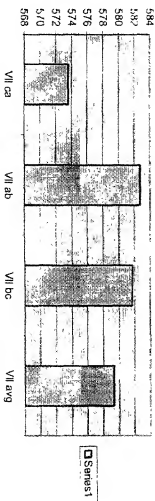
Complex Aggregation: Because it is Excel, you can do anything you want, easily. Logging: You could write simple scripts to log the values on the left to an Access DB.

Animation: Charts, warnings, etc.

Onboard logs could be displayed easily.

Default diagrams: we just need to create an excel template for each device

GRAPHICAL VOLTAGES



Sum of Currents: 643.31
 Formula-based Setpoint: OVER 550 Volts

SCANNED, #

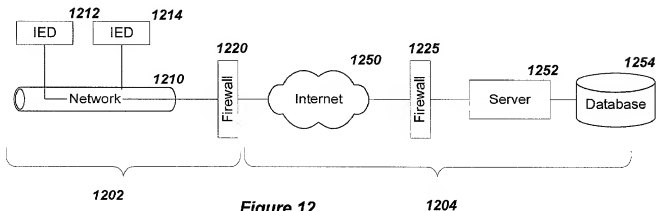


Figure 12

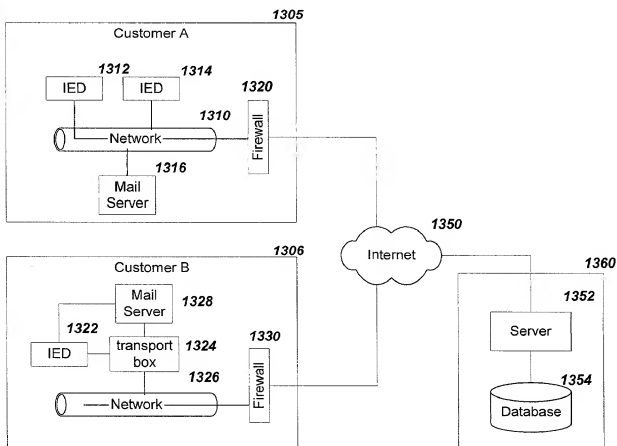


Figure 13

Patent Application For: COMMUNICATIONS ARCHITECTURE FOR INTELLIGENT ELECTRONIC DEVICES
Inventor(s): Andrew W. Blackett, Bryan J. Gilbert, John C. Van Gorp, Michael E. Teachman, Jeffrey W. Yeo
Attorney Docket No. 6270/60

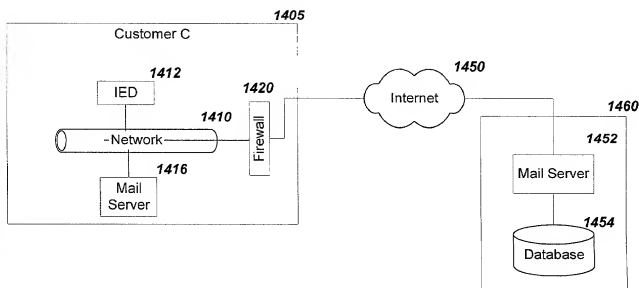


Figure 14